

Note: Drawing above illustrates only one of the suspension types available for this luminaire. For other drawings, consult individual Suspension Specification Sheet numbers as noted in Suspension chart(s) below.

Complete Luminaire consists of Body and Suspension: Order each separately.

Body Cat. No.	Finish	Lamps	Options
4A35642APBU <input type="checkbox"/>	Polished Brass	6-26 Triple Tube Compact Fluorescent	D2 (26W, 120V only),
4A35642ASNU <input type="checkbox"/>	Satin Nickel	or 6-32 Triple Tube Compact Fluorescent	E3 (347V), or EM
		or 6-42 Triple Tube Compact Fluorescent	Add Suffix to Cat. No.

Single Swivel Stem		Multiple Swivel Stem		Suspension Extension Kits	
Cat. No.	Nominal OAL	Cat. No.	Nominal OAL	Cat. No.	Nominal OAL
Specify Finish as Suffix: PB or SN		Specify Finish as Suffix: PB or SN		Specify Finish as Suffix: PB or SN	
4SB115 <input type="checkbox"/>	16 9/16"	4SB224 <input type="checkbox"/>	25 9/16"	4SXT48 <input type="checkbox"/>	48"
4SB118 <input type="checkbox"/>	18" (close-to-ceiling)	4SB228 <input type="checkbox"/>	29 3/8"	4SXT96 <input type="checkbox"/>	96"
4SB121 <input type="checkbox"/>	19 5/16"	4SB235 <input type="checkbox"/>	35"		
4SB124 <input type="checkbox"/>	25 9/16"	4SB242 <input type="checkbox"/>	40 5/16"		
4SB128 <input type="checkbox"/>	29 3/8"	See Specification Sheet 4SB224.			
4SB135 <input type="checkbox"/>	35"				
4SB142 <input type="checkbox"/>	40 5/16"				
See Specification Sheet(s) 4SB115, 4SB124					

Specifications

- Suspension Size:** For optimum performance testing recommends OAL (overall length) in proportion to the Body diameter or for close-to-ceiling proportion length (see shaded cells). OAL is defined from bottom of diffuser to ceiling plane.
- Stem Wires:** Equipped with 120" of leads with keyed connectors for quick connection to Body wiring.

Options & Accessories

D2 = Dimming Electronic Ballast, 26 Watt, 120V, only.
Replace Body Cat No. Suffix "U" with Suffix "D2".

E3 = 347V (Canada)
Replace Body Suffix "U" with Suffix "E3".

EM = Emergency Battery Pack
Add Suffix "EM" to Body Cat. No.

Multi-Level Switching: Prewired, consult wiring diagram.

Fusing: Consult Factory

Finishes: PB = Polished Brass, SN = Satin Nickel

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Features

- 1. Diffusing Reflector:** White translucent acrylic, 3/16" thick.
- 2. Inner Dirt Shield:** White translucent acrylic, 1/8" thick.
- 3. Chassis:** Steel, 20 gauge, semi-gloss white powder-coat finish.
- 4. Suspension:** Swivel (central) stem, 5/8" steel tube. Canopy, 7" Dia., fastened internally, no exposed hardware. Permits installation on ceilings with slope of up to 45°. Complies with California Code.
- 5. Lampholder:** Multi-wattage, 4-pin, will accept either GX24q-3 or GX24q-4 lamp base.

Lamping (by others)

Compact Fluorescent: Triple Tube, 26, 32, or 42 Watts.

	General Electric	Osram/Sylvania	Philips
26W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P
32W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P
42W Triple Tube 4-Pin (Amalgam) Compact Fluorescent Lamp	F42QBK/*A/4P	CF42DT/E/IN/*	PL-T42W/*4P

*Manufacturers' color temperature designation.

Electrical

Ballast: Electronic, 2-Lamp HPF, Class P, Programmed Start. Universal Voltage 120/277V, Multi-Wattage 26/32/42W.

6 Lamp Voltage	26 Watt	32Watt	42Watt
	120V	277V	120V
Total Input Watts	168	168	210
Max. Line Current (amps)	2.22	0.96	2.80
Power Factor	>0.98	>0.98	>0.98
Ballast Factor	1.02	1.02	0.96

THD<10% Minimum Starting Temperature: -5°F/-20°C

Mounting

Mounts directly to 4" outlet box, using crossbar hanger, supplied.

Labels

cULus listed suitable for damp locations.

Application Data

35 Inch Diameter 36' x 36' x 11' Space Luminaire			
		Spacing: 12' x 12' Susp. Dist. 35"	
6 Lamps	26W TTT	32W TTT	42W TTT
Illum. (FC) Maint.	33	44	58
Lum. Ratio	8/1	8/1	9/1
Watts/ Sq. Ft.	1.15	1.42	1.94

Reflectances: 80% Ceiling, 50% Walls, 20% Floor.

Light Loss Factor = .75 (.88 BF x .85)

FC (footcandles) at 30" work plane.

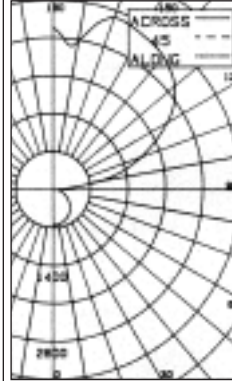
CERTIFIED TEST REPORT NO. 4A35642A
COMPUTED BY LSI PROGRAM **TEST-LITE**

LIGHTOLIER INDIRECT/DIRECT PENDANT FIXTURE

CAT. #4A353642APBU, 35" DIFFUSER

6-42W T/E SYLVANIA LAMPS. LUMEN RATING = 3200 LMS.

3-ADVANCE BALLAST #ICF-2S42-M2-LD, 120 VAC



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS	ANGLE	MEAN CP	LUMENS
0	655		90	90	
5	653	62	95	280	422
10	645		100	896	
15	632	179	105	1385	1435
20	613		110	1760	
25	591	273	115	2112	2095
30	566		120	2458	
35	534	334	125	2759	2453
40	493		130	2960	
45	451	349	135	3096	2391
50	406		140	3197	
55	361	324	145	3262	2045
60	315		150	3303	
65	268	267	155	3356	1548
70	226		160	3367	
75	184	196	165	3147	882
80	146		170	2778	
85	110	124	175	2734	268
90	90		180	2972	

ZONAL LUMENS AND PERCENTAGES

DATE: DEC. 14, 2000
PREPARED FOR:
LIGHTOLIER, FALL RIVER, MA

ZONE	LUMENS%	LAMP%	LUMINAIRE
0-30	514	2.68	3.29
0-40	848	4.42	5.42
0-60	1520	7.92	9.72
0-90	2107	10.98	13.47
40-90	1259	6.56	8.05
60-90	587	3.06	3.75
90-180	13538	70.51	86.53
0-180	15646	81.49	100.00

** EFFICIENCY = 81.5% **

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD %EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

	80			70			50			30			10			0	
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10		
ROOM CAVITY RATIO	1	.69	.66	.64	.61	.58	.55	.45	.43	.42	.30	.29	.28	.16	.16	.15	.08
	2	.60	.56	.52	.53	.49	.46	.39	.36	.34	.26	.24	.23	.14	.13	.13	.07
	3	.53	.48	.43	.47	.42	.38	.34	.31	.29	.23	.21	.20	.12	.11	.11	.06
	4	.47	.41	.36	.41	.36	.32	.30	.27	.24	.20	.18	.17	.11	.10	.09	.05
	5	.41	.35	.31	.37	.31	.27	.27	.23	.21	.18	.16	.14	.10	.09	.08	.04
	6	.37	.31	.26	.33	.27	.23	.24	.21	.18	.16	.14	.12	.09	.08	.07	.04
	7	.33	.27	.23	.29	.24	.20	.22	.18	.15	.15	.12	.11	.08	.07	.06	.03
	8	.30	.24	.20	.26	.21	.18	.19	.16	.13	.13	.11	.09	.07	.06	.06	.03
	9	.27	.21	.17	.24	.19	.15	.18	.14	.12	.12	.10	.08	.07	.05	.05	.02
	10	.24	.19	.15	.22	.17	.14	.16	.13	.10	.11	.09	.07	.06	.05	.04	.02

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

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